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Cc: Lee, Alana[lee.alana@epa.gov]; Prestbo, Kim[Prestbo.Kim@epa.gov]
From: Kapuscinski, Rich
Sent: Thur 4/18/2013 6:11:47 PM
Subject: TERA/ARA Position on Short-Term TCE Vapor Intrusion Exposure Levels
MAIL_RECEIVED: Thur 4/18/2013 6:11:49 PM

I expect that OHHRRAF members who have followed issues related to the IRIS assessment for TCE will be interested in the following:

The Alliance for Risk Assessment has issued its recommendation on applying the IRIS assessment for TCE to less-than-lifetime exposures in indoor air (see attached e-mail below). Essentially, ARA identifies an uncertainty range of 3 to 20 ug/m³ within which they contend toxicologists cannot distinguish 'safety' of TCE in air. The controversial animal study which served as a primary basis for the IRIS RfC (in which Johnson et al observed an increased incidence of fetal cardiac malformations) was "used to determine the ceiling of this uncertainty range." The ARA position, therefore, appears to endorse, rather than refute, fetal cardiac malformations as a noncancer endpoint for human populations.

Rich Kapuscinski

OHHRRAF Tri-chair

From: Michael Dourson [<mailto:mdourson@tera.org>]
Sent: Wednesday, April 17, 2013 5:24 PM
To: John Bell; CLARK, SHANNA L GS-13 USAF DoD AFCEE/TDV; Bernard Gadagbui; john.lowe@ch2m.com; Marybeth.markowitz@aphc.mil; Mumtaz, Moiz (ATSDR/DTHHS/ETB); Ed Pfau; David Reynolds; rodbthompson@comcast.net; gdt1@cdc.gov; Lorenz Rhomberg; tom.d.blackman@lmco.com; Lynne Haber; Joseph.Haney@tceq.texas.gov; troy.j.meyer@honeywell.com; LiuSh@cdmsmith.com; Morningstar, Mary P; Anita.K.Meyer@usace.army.mil; Stralka, Daniel; Jarman, Ruth; Chiu, Weihsueh; Clark, Becki; LiuSh@cdmsmith.com; ANDERSON, JANET K GS-13 USAF DoD AFCEE/TDV; Kimberly_Wise@americanchemistry.com; Rick_Becker@americanchemistry.com; Pottenger, Lynn; John DeSesso; roger.brewer@doh.hawaii.gov; janusz.byczkowski@epa.state.oh.us; Ooi, Sim; kroner@tera.org; audrey.rush@epa.state.oh.us; Virginia J CIV NAVFAC SW Makale; CNorman@PattonBoggs.com; Khoury, Ghassan; Podowski, Andrew; Adams, Glenn; Olsen, Marian; McDonough, Margaret; Bailey, Marcia; Johnson, Jeremy; Hubbard, Jennifer; Sivak, Michael; Vu, Chau; Griffin, Susan; Benson, Bob; Bussard, David; Flowers, Lynn; Kapuscinski, Rich
Subject: Trichloroethylene (TCE) Risk Assessment Guidance for Contaminated Sites

Dear Colleagues

Our small working group has completed its work. We highly value the numerous suggestions and comments that many of you were able to make. These comments were useful in more fully

appreciating the difficulties faced by risk managers as they grapple with site-specific issues. We would be more than happy to speak with any of you about how this work might be useful to your situation. We are particularly grateful for the support of Gradient Corporation and the Agency for Toxic Substances and Disease Registry in their capacity as observers.

Please see:

http://www.allianceforrisk.org/Projects/ARA_TCE_Risk_Assessment_Guidance_for_Contaminated_Sites_2013

On behalf of

Alliance for Risk Assessment
Alliance for Site Closure
CH2M Hill
Hull and Associates
Toxicology Excellence for Risk Assessment

Sincerely,

A handwritten signature in blue ink that reads "Michael L. Dourson". The signature is fluid and cursive, with a long horizontal stroke at the end.

Michael L. Dourson, Ph.D., DABT, ATS
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